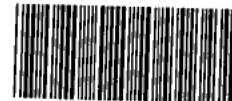


**Lindsey, Deborah**



SEMS DocID 2343381

**From:** [Non-responsive based on revised scope]@TechLawInc.com>  
**Sent:** Thursday, January 09, 2020 3:51 PM  
**To:** Lindsey, Deborah  
**Cc:** Holtzinger, Samantha; [Non-responsive based on revised scope]  
**Subject:** RE: Weirton Implosion Site  
**Attachments:** Weirton BOP SQAP\_Draft.pdf; Weirton BOP\_SQAP\_Draft.docx; Weirton BOP ARF\_rev.pdf

Good afternoon Debbie,

Attached, please find the draft Sampling Plan (Word and PDF) and Analytical Request Form (ARF) for the Weirton BOP Site for your review and comment. I have several comments/assumptions/questions pertaining to the project and these are listed below:

1. In the SQAP, we didn't include testing for speciated silica due to a lack of historical basis provided in the project files, the cost of analyses, and the uncertainty of data usability. However, please let us know if you would like to explore that option further.
2. As we discussed during the day of the Site Recon, we kept the sampling plan simple with the collection of grab surface soil samples from properties where access has been obtained. We did not include XRF, incremental sampling, or other methods of screening and/or sampling. If you would like us to consider applying these other sampling/screening methods, please let us know.
3. Can you provide the Benchmarks that you would like to use for comparison of the data? I am assuming RMLs, however, we included both RSLs and RMLs in the draft SAP with the assumption that one or the other will be used.
4. We are thinking that Asbestos analysis will likely go Tier IV and is estimated to cost [Non-responsive based on revised scope] per sample. Tier IV lab costs will be charged to the TDD, which already approves providing laboratory services. The TDD ceiling will need to cover the laboratory cost, however, if Tier IV is used. ESAT should be able to validate the asbestos data, however, they've recently been significantly behind schedule on turnaround.
5. There is a possibility that Hexavalent Chromium analysis will need to go Tier IV also. OASQA has historically done Hex Chrome on water, but they recently did not accept Hex Chrome in soil samples on another project. The cost for Tier IV CR+6 analysis cost [Non-responsive based on revised scope] per soil sample for that project. Again, ESAT should be able to validate the Cr+6 data, but TAT may be awhile.
6. Finally, please let me know if you have a projected schedule for conducting the sampling event. This winter has been mild so far and there might be opportunity to sample sooner rather than later if the ground remains thawed and we have access to the properties.

I look forward to hearing from you. Please let me know if you have any questions or would like to discuss further.

Thank you,

[Non-responsive based on revised scope]  
TechLaw

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**From:** [Non-responsive based on revised scope]  
**Sent:** Wednesday, December 11, 2019 11:04 AM  
**To:** 'Lindsey, Deborah' <Lindsey.Deborah@epa.gov>  
**Cc:** Holtzinger, Samantha <holtzinger.samantha@epa.gov>  
**Subject:** RE: Weirton Implosion Site

Hi Debbie,

Page 1 (Atty Cover Letter) indicates that silica was identified as a concern, however the Pace lab report does not provide any silica data. The report provides dust sample particulate size analysis using laser diffraction and I am wondering if the lawyer is referring to that as the "silica" analysis. or if he has other information. Hexavalent chrome was non-detected in their dust sample. Cobalt, lead and manganese in the dust sample exceed RMLs HQ=1 for residential soil. Lead (Pb) also exceeds the industrial soil RML.

The sampling plan is at 75% and I wanted to follow up to see if there is any background information you were going to provide for the SAP. We are incorporating TAL metals, mercury, hexavalent chromium and asbestos for the analyses. Are you considering analyzing soil samples for total or speciated silica compounds? We Non-responsive based on revised scope and I) can be available for a conference call if you would like to discuss the methods.

Thanks,

Non-responsive based on revised scope  
TechLaw, Inc.

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**From:** Lindsey, Deborah <[Lindsey.Deborah@epa.gov](mailto:Lindsey.Deborah@epa.gov)>  
**Sent:** Tuesday, December 10, 2019 9:31 AM  
**To:** Non-responsive based on revised scope <[@TechLawInc.com](mailto:@TechLawInc.com)>  
**Cc:** Holtzinger, Samantha <[holtzinger.samantha@epa.gov](mailto:holtzinger.samantha@epa.gov)>  
**Subject:** FW: Weirton Implosion Site

Hi Non-res

Attached is a copy of the analytical data from ATSDR which was data collected from the BAP Implosion Site

Debbie Lindsey  
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USEPA Region 3  
Wheeling Field Office  
1060 Chapline Street  
Wheeling, WV 26003  
(304) 234-0249  
(304) 281-2569 (cell)

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**From:** Helverson, Robert (ATSDR/DCHI/EB) <[gfu6@cdc.gov](mailto:gfu6@cdc.gov)>  
**Sent:** Wednesday, December 04, 2019 2:03 PM  
**To:** Lindsey, Deborah <[Lindsey.Deborah@epa.gov](mailto:Lindsey.Deborah@epa.gov)>  
**Cc:** Werner, Lora S. (ATSDR/DCHI/EB) <[lkw9@cdc.gov](mailto:lkw9@cdc.gov)>  
**Subject:** Re: Weirton Implosion Site

Here you go, Debbie.

I think this is it.

Lora, is there more than one file from the lawyer with data? I didn't see any.

Robert H. Helverson  
Region 3 Representative  
DHHS/CDC/ATSDR  
1650 Arch Street  
Philadelphia, PA 19103  
(215) 814-3139  
[gfu6@cdc.gov](mailto:gfu6@cdc.gov)

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**From:** Werner, Lora S. (ATSDR/DCHI/EB) <[lkw9@cdc.gov](mailto:lkw9@cdc.gov)>  
**Sent:** Wednesday, December 4, 2019 1:54 PM  
**To:** Helverson, Robert (ATSDR/DCHI/EB) <[gfu6@cdc.gov](mailto:gfu6@cdc.gov)>  
**Subject:** Fwd: Weirton Implosion Site

Any chance you could pull that out of our Weirton share drive file? If not I can do that Friday.

Get [Outlook for iOS](#)

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**From:** Lindsey, Deborah <[Lindsey.Deborah@epa.gov](mailto:Lindsey.Deborah@epa.gov)>  
**Sent:** Wednesday, December 4, 2019 1:36:36 PM  
**To:** Werner, Lora S. (ATSDR/DCHI/EB) <[lkw9@cdc.gov](mailto:lkw9@cdc.gov)>; Helverson, Robert (ATSDR/DCHI/EB) <[gfu6@cdc.gov](mailto:gfu6@cdc.gov)>  
**Subject:** Weirton Implosion Site

Hi Lora

Would you be able to provide the data that you reviewed from the Attorneys representing the property owners. We are just trying to get an idea of what other data may be out there for review.

Thanks  
Debbie Lindsey  
.....

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Wheeling Field Office  
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**From:** Helverson, Robert (ATSDR/DCHI/EB) <[gfu6@cdc.gov](mailto:gfu6@cdc.gov)>  
**Sent:** Wednesday, December 04, 2019 12:55 PM  
**To:** Lindsey, Deborah <[Lindsey.Deborah@epa.gov](mailto:Lindsey.Deborah@epa.gov)>  
**Subject:** Re: Weirton Implosion Site

thanks. An interesting map. You can't sample those in the lawsuit or the property owner won't let you? Seems the bulk of lawsuit properties are ground zero for deposition.

Robert H. Helverson

Region 3 Representative

DHHS/CDC/ATSDR

1650 Arch Street

Philadelphia, PA 19103

(215) 814-3139

[gfu6@cdc.gov](mailto:gfu6@cdc.gov)

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**From:** Lindsey, Deborah <[Lindsey.Deborah@epa.gov](mailto:Lindsey.Deborah@epa.gov)>

**Sent:** Wednesday, December 4, 2019 12:46 PM

**To:** Helverson, Robert (ATSDR/DCHI/EB) <[gfu6@cdc.gov](mailto:gfu6@cdc.gov)>

**Subject:** Weirton Implosion Site

Attached is a map of the properties in the lawsuit and potential sampling locations

Debbie Lindsey

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